3) an immunogenic portion of a polypeptide consisting of the sequence of SEQ ID NO:1 from residue 234 to residue 245, and

4) an immunogenic portion of a polypeptide consisting of the sequence of SEQ ID NO:1 from residue 351 to residue 359.

23. (New) An isolated polypeptide of claim 22 comprising an amino acid sequence of SEQ ID NO:1.

24. (New) An isolated polynucleotide encoding a polypeptide of claim 22.

25. (New) An isolated polynucleotide encoding a polypeptide of claim 23.

26. (New) An isolated polynucleotide of claim 25 comprising a polynucleotide sequence of SEQ ID NO:3.

27. (New) A recombinant polynucleotide comprising a promoter sequence operably linked to a polynucleotide of claim 24.

28. (New) A cell transformed with a recombinant polynucleotide of claim 27.

29. (New) A method of producing a polypeptide of claim 22, the method comprising:

a) culturing a cell under conditions suitable for expression of the polypeptide, wherein said cell is transformed with a recombinant polynucleotide, and said recombinant polynucleotide comprises a promoter sequence operably linked to a polynucleotide encoding the polypeptide of claim 22, and

b) recovering the polypeptide so expressed.

30. (New) A method of claim 29, wherein the polypeptide comprises an amino acid sequence of SEQ ID NO:1.

31. (New) An isolated polynucleotide selected from the group consisting of:

a) a polynucleotide comprising a polynucleotide sequence of SEQ ID NO:3,

b) a polynucleotide comprising a naturally occurring polynucleotide sequence at least 90% identical to a polynucleotide sequence of SEQ ID NO:3,

c) a polynucleotide complementary to a polynucleotide of a),

d) a polynucleotide complementary to a polynucleotide of b), and

e) an RNA equivalent of a)-d).

32. (New) A method of detecting a target polynucleotide in a sample, said target polynucleotide having a sequence of a polynucleotide of claim 31, the method comprising:

a) hybridizing the sample with a probe comprising at least 20 contiguous nucleotides comprising a sequence complementary to said target polynucleotide in the sample, and which probe specifically hybridizes to said target polynucleotide, under conditions whereby a hybridization complex is formed between said probe and said target polynucleotide or fragments thereof, and

b) detecting the presence or absence of said hybridization complex, and, optionally, if present, the amount thereof.

33. (New) A method of claim 32, wherein the probe comprises at least 60 contiguous nucleotides.

34. (New) A method of detecting a target polynucleotide in a sample, said target polynucleotide having a sequence of a polynucleotide of claim 31, the method comprising:

a) amplifying said target polynucleotide or fragment thereof using polymerase chain reaction amplification, and

b) detecting the presence or absence of said amplified target polynucleotide or fragment thereof, and, optionally, if present, the amount thereof.

35. (New) A method of screening a compound for effectiveness in altering expression of a target polynucleotide, wherein said target polynucleotide comprises a sequence of claim 26, the method comprising:

a) exposing a sample comprising the target polynucleotide to a compound, under conditions suitable for the expression of the target polynucleotide,

b) detecting altered expression of the target polynucleotide, and

c) comparing the expression of the target polynucleotide in the presence of varying amounts of the compound and in the absence of the compound.

36. (New) A method of assessing toxicity of a test compound, the method comprising:

a) treating a biological sample containing nucleic acids with the test compound,

b) hybridizing the nucleic acids of the treated biological sample with a probe comprising at least 20 contiguous nucleotides of a polynucleotide of claim 31 under conditions whereby a specific hybridization complex is formed between said probe and a target polynucleotide in the biological sample, said target polynucleotide comprising a polynucleotide sequence of a polynucleotide of claim 31 or fragment thereof,

c) quantifying the amount of hybridization complex, and

d) comparing the amount of hybridization complex in the treated biological sample with the amount of hybridization complex in an untreated biological sample, wherein a difference in the amount of hybridization complex in the treated biological sample is indicative of toxicity of the test compound.

37. (New) A fragment of a polynucleotide comprising the sequence of SEQ ID NO:3 selected from the group consisting of:

a) a fragment of a polynucleotide consisting of the sequence of SEQ ID NO:3 from nucleotide 170 to nucleotide 220, and

b) a fragment of a polynucleotide consisting of the sequence of SEQ ID NO:3 from nucleotide 1015 to nucleotide 1055.